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(54) Title: METHOD FOR AN EXTRACTION OF PROTEINS FROM A SINGLE CELL

(57) Abstract: The present invention provides a process for imparting improved functional properties to a single-cell protein material, said process comprising the step of homogenizing an aqueous slurry of the single-cell protein, e.g. a single-cell protein material derived from fermentation on natural gas. The resulting homogenized protein material has excellent functional properties and finds particular use in the preparation of food products, for example as a gelling agent or emulsifier.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N1/00 A23J1/00 A23J3/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MIDDELBERG A P J: "Process-scale disruption of microorganisms", BIOTECHNOLOGY ADVANCES, GB, ELSEVIER PUBLISHING, BARKING, VOL. 13, NR. 3, PAGE(S) 491-551 XP004045404 ISSN: 0734-9750 page 509, paragraph 2 -page 528, paragraph 1	1-19
X	WO 91 01367 A (BIOENG INC) 7 February 1991 (1991-02-07) abstract page 3, paragraph 5 -page 4, paragraph 2 page 8, paragraph 2 figure ALL claims 19,32-46 --- -/--	1-6, 8-10, 15-19



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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G document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 311 091 A (BRITISH PETROLEUM CO) 10 December 1976 (1976-12-10) page 1, paragraph 2 -page 2, paragraph 4 page 4, paragraph 3 -page 6, paragraph 1; claim ALL	10-19
X	WO 91 02463 A (GEN FOODS INC) 7 March 1991 (1991-03-07) page 13, paragraph 3; claim 1	1-19
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Information on patent family members

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